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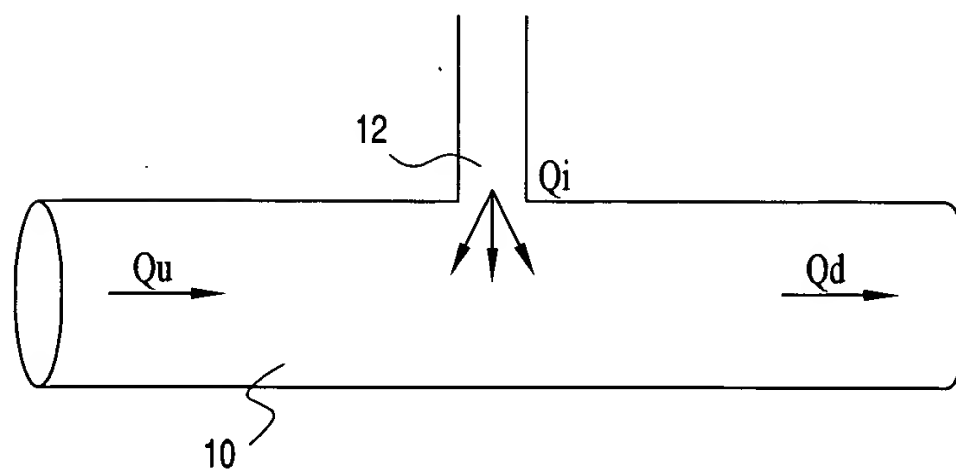


FIG. 1

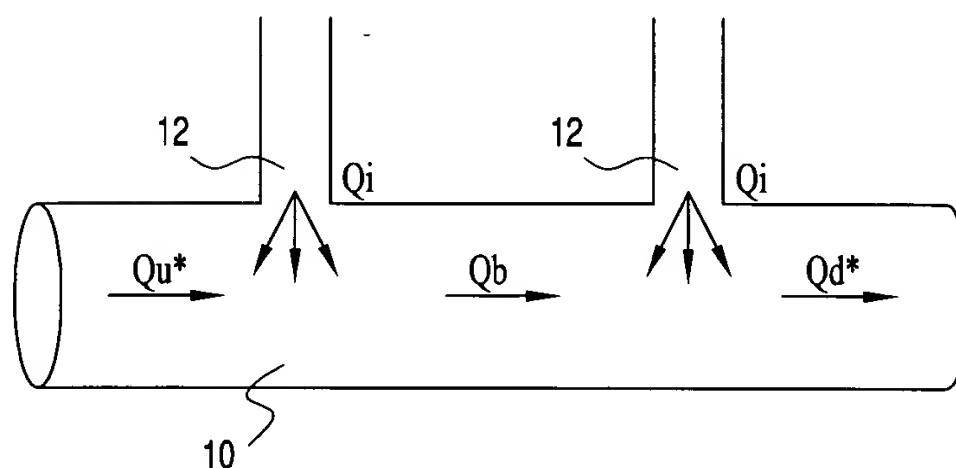


FIG. 2

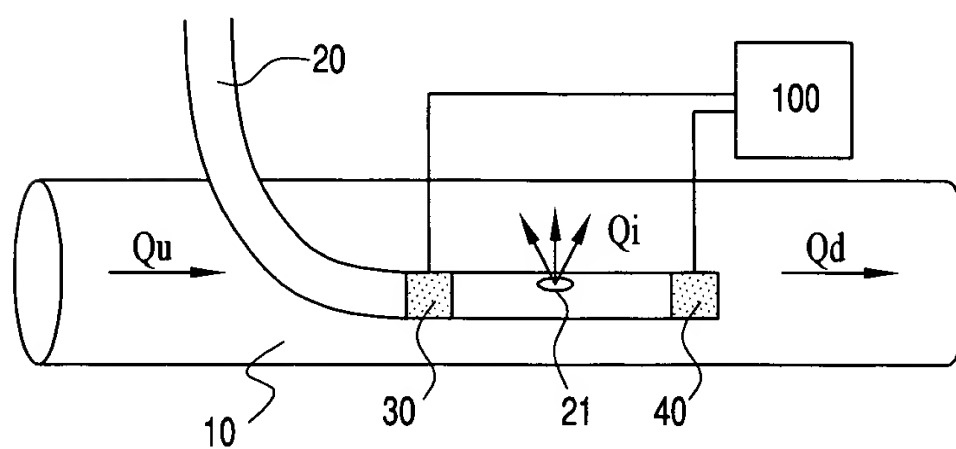
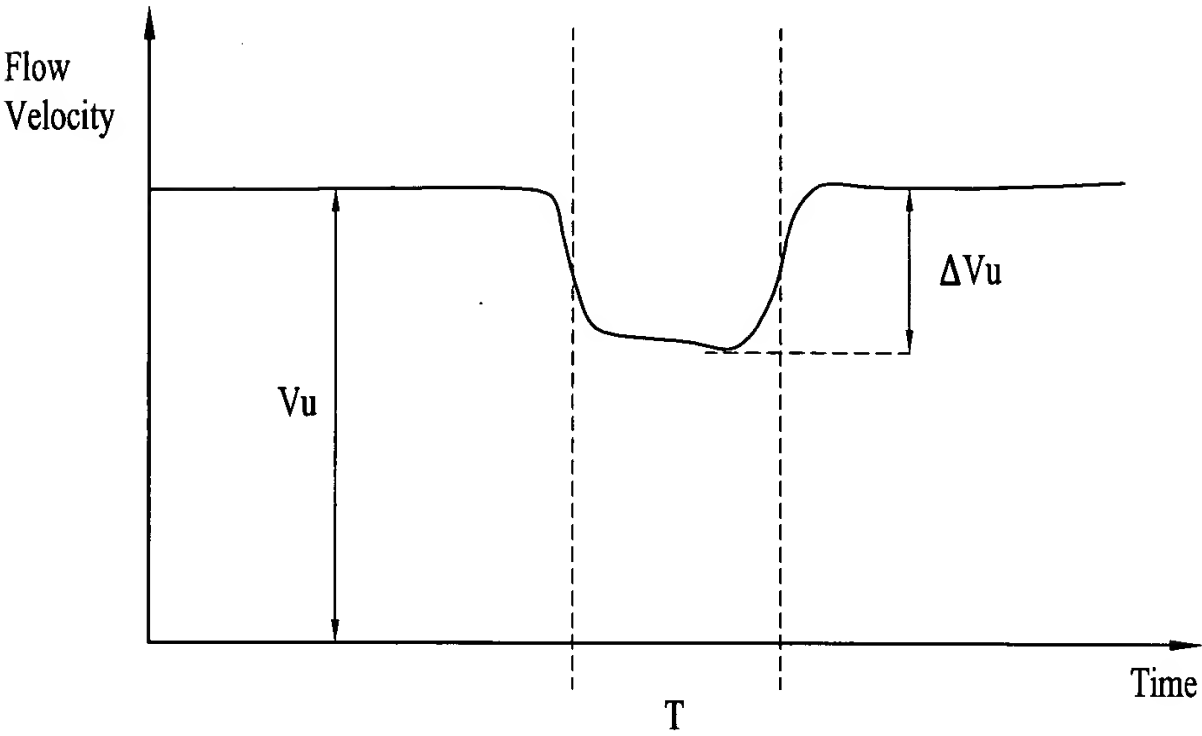


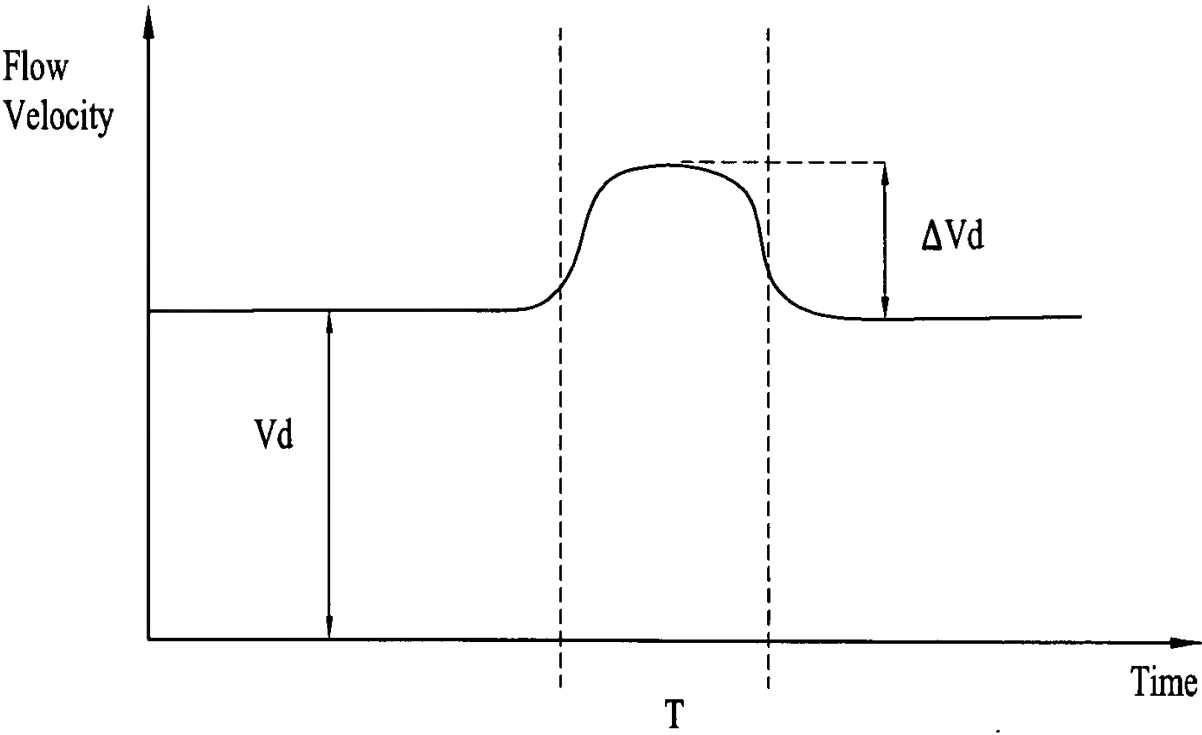
FIG. 3

FIG.4a



ΔV_2

FIG.4b



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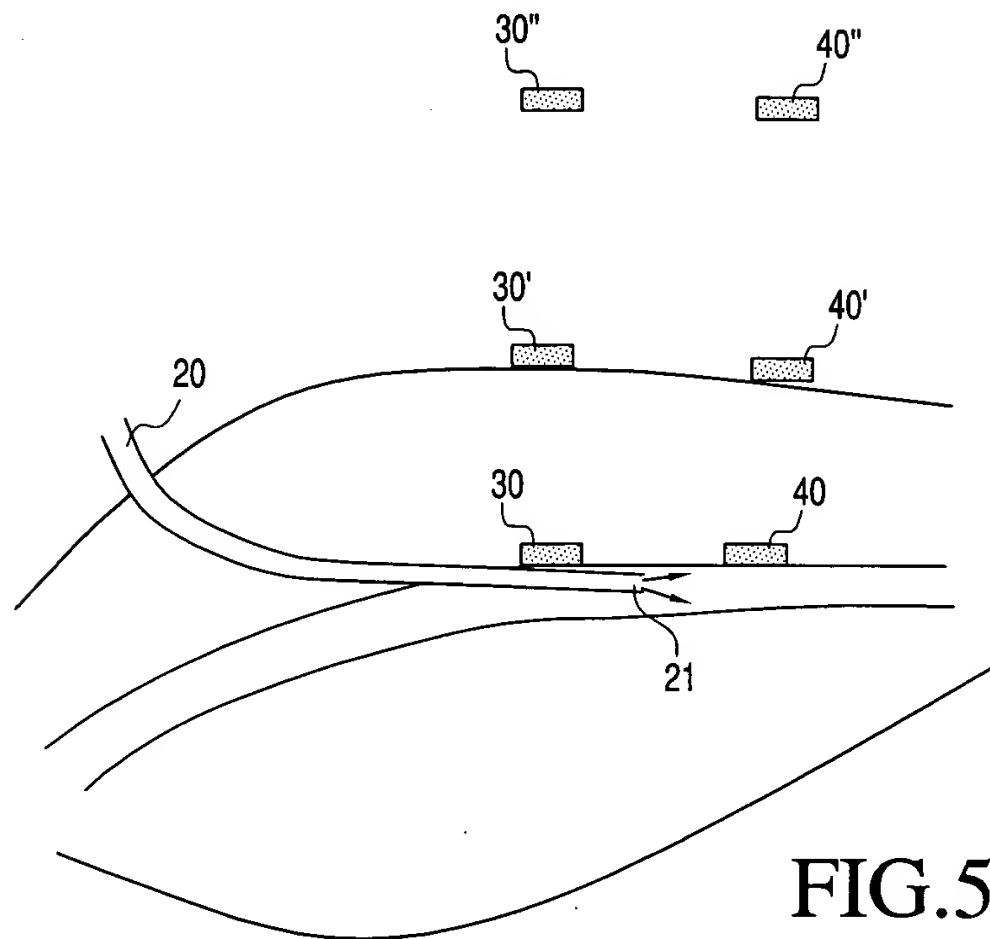


FIG. 5

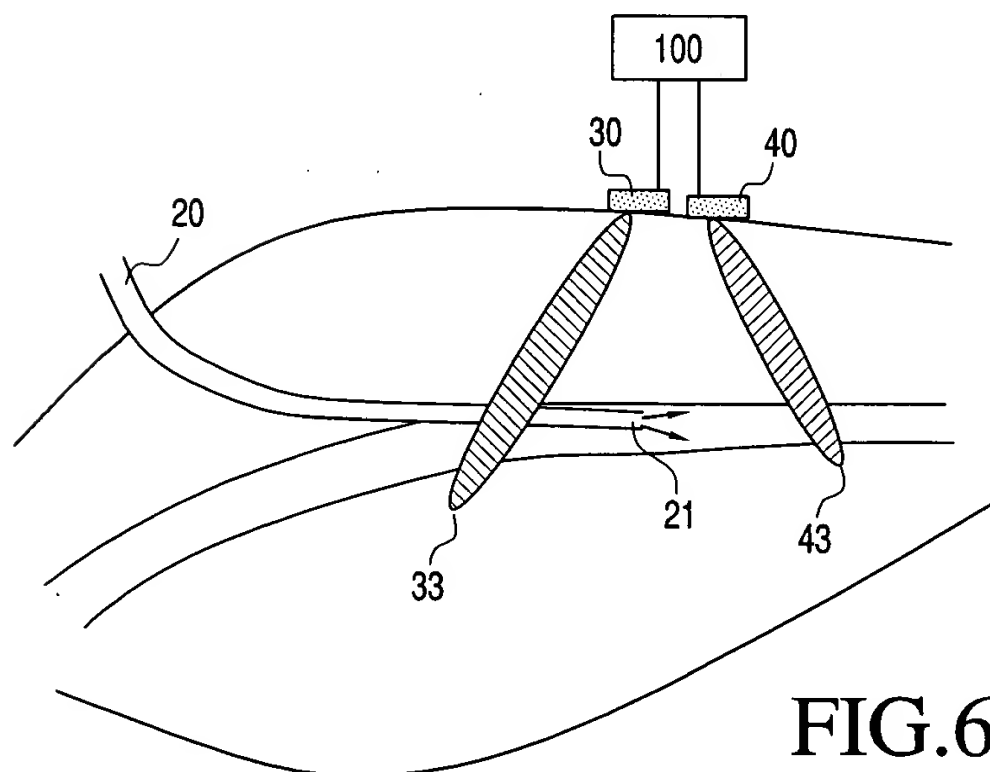
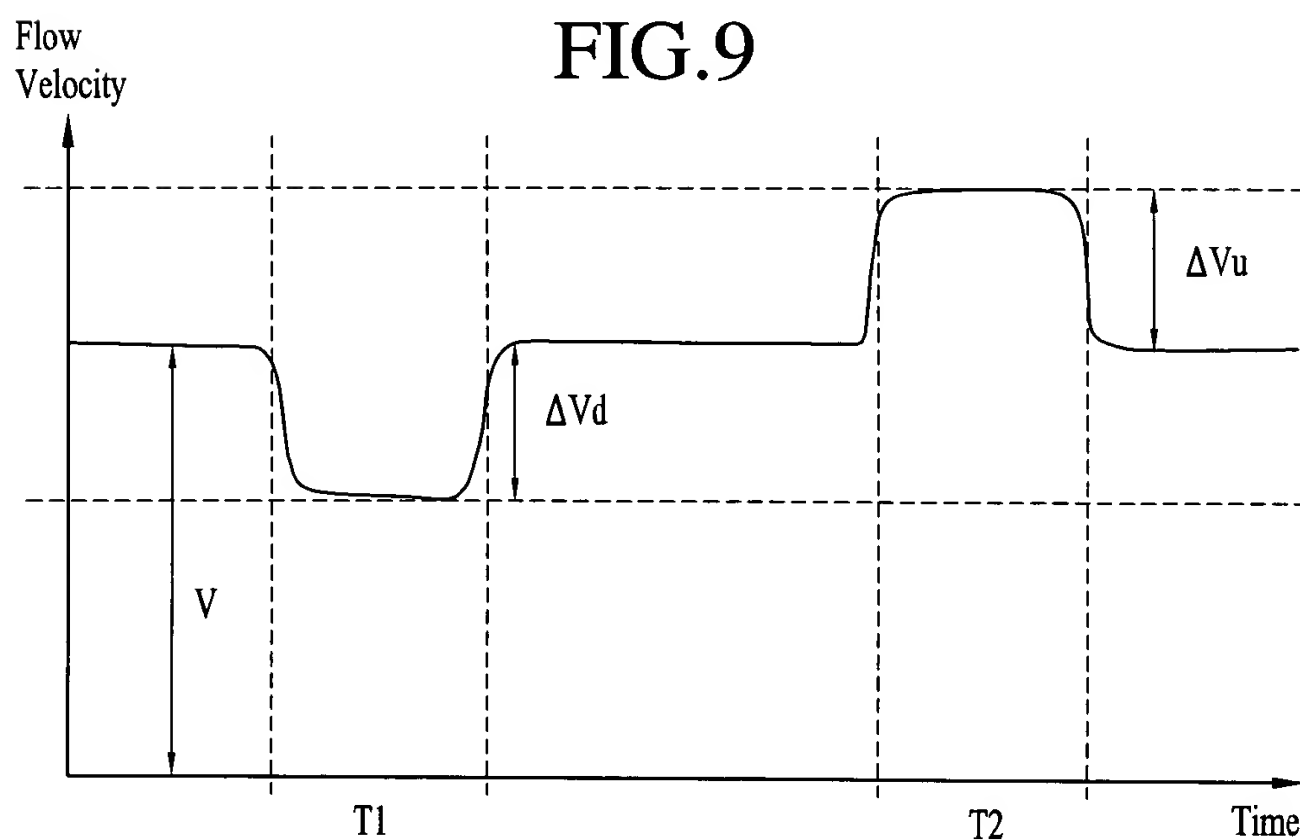
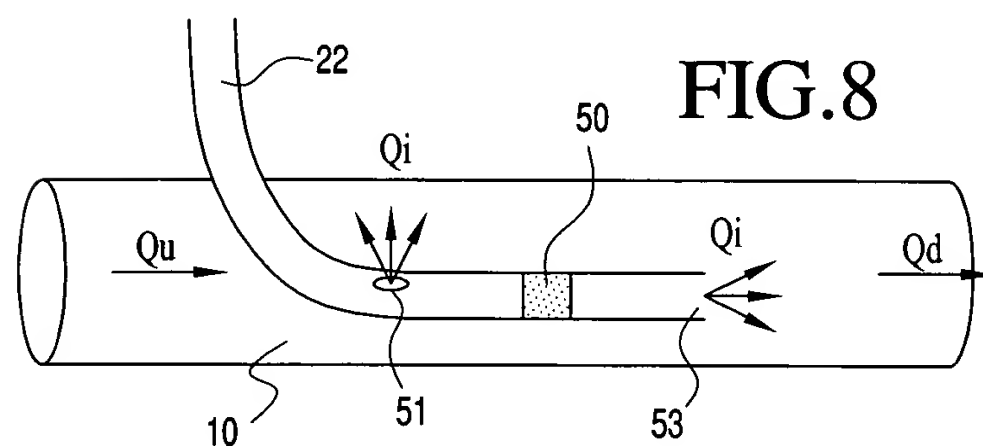
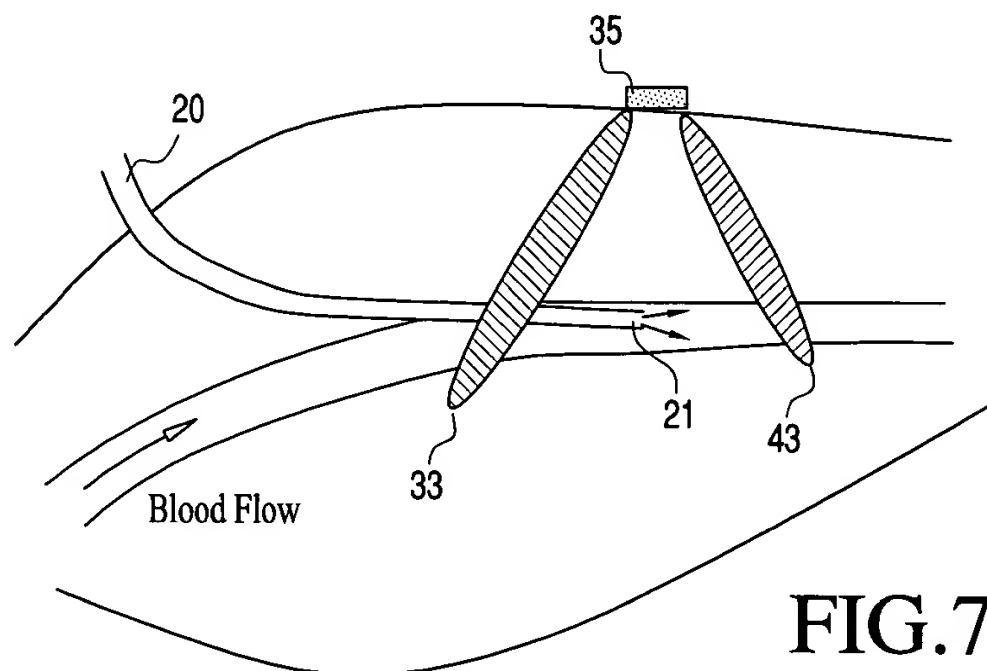


FIG. 6

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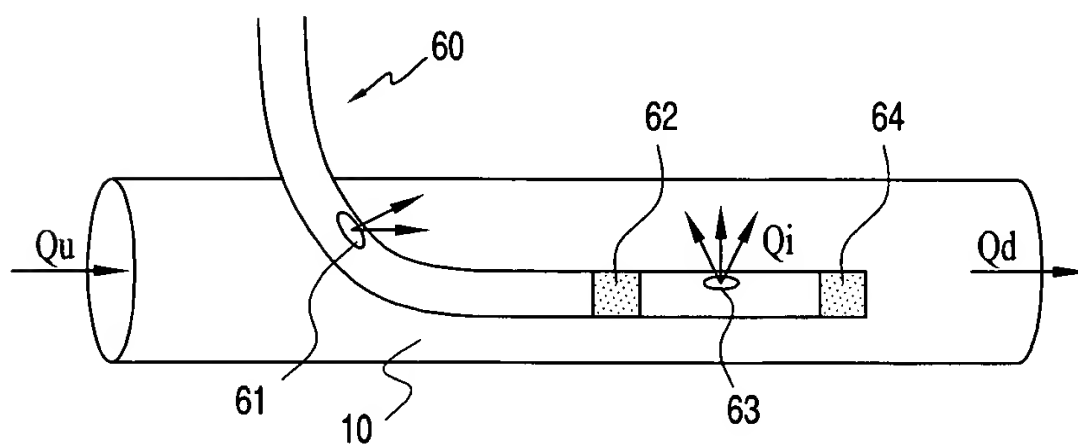
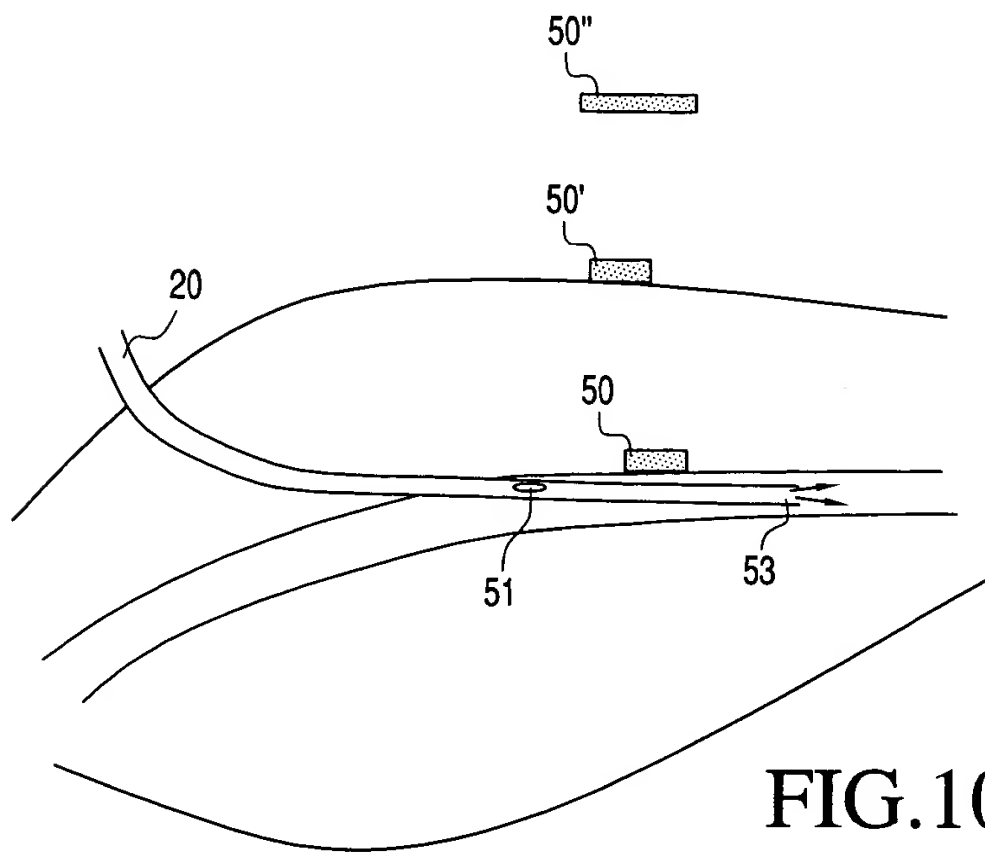
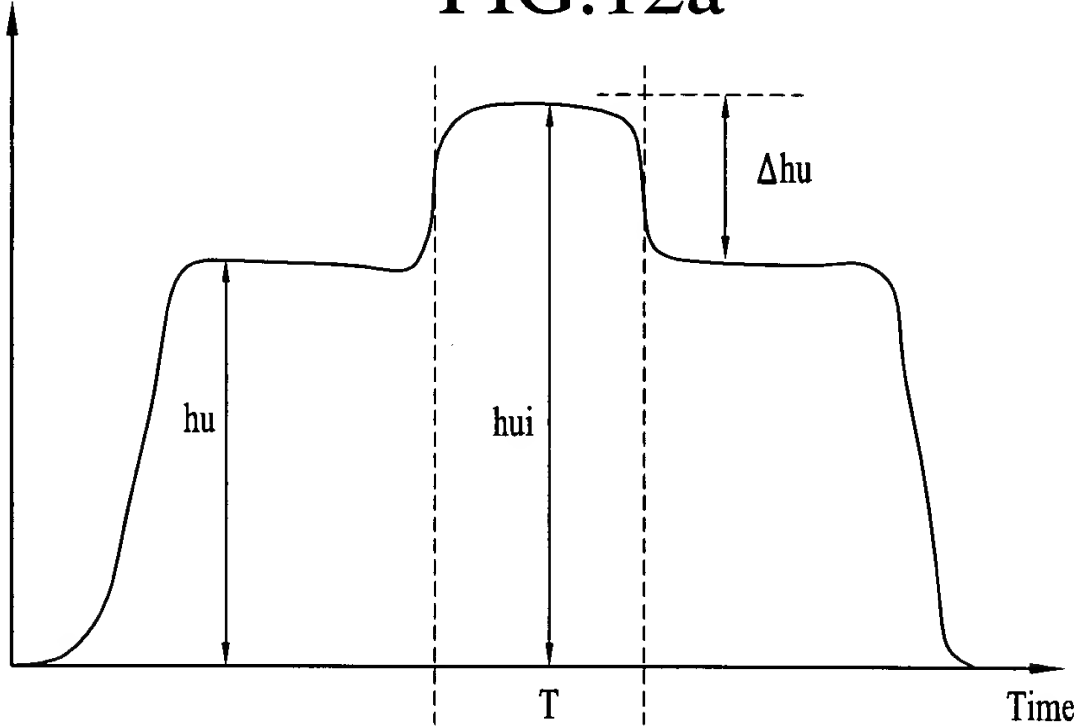


FIG.11

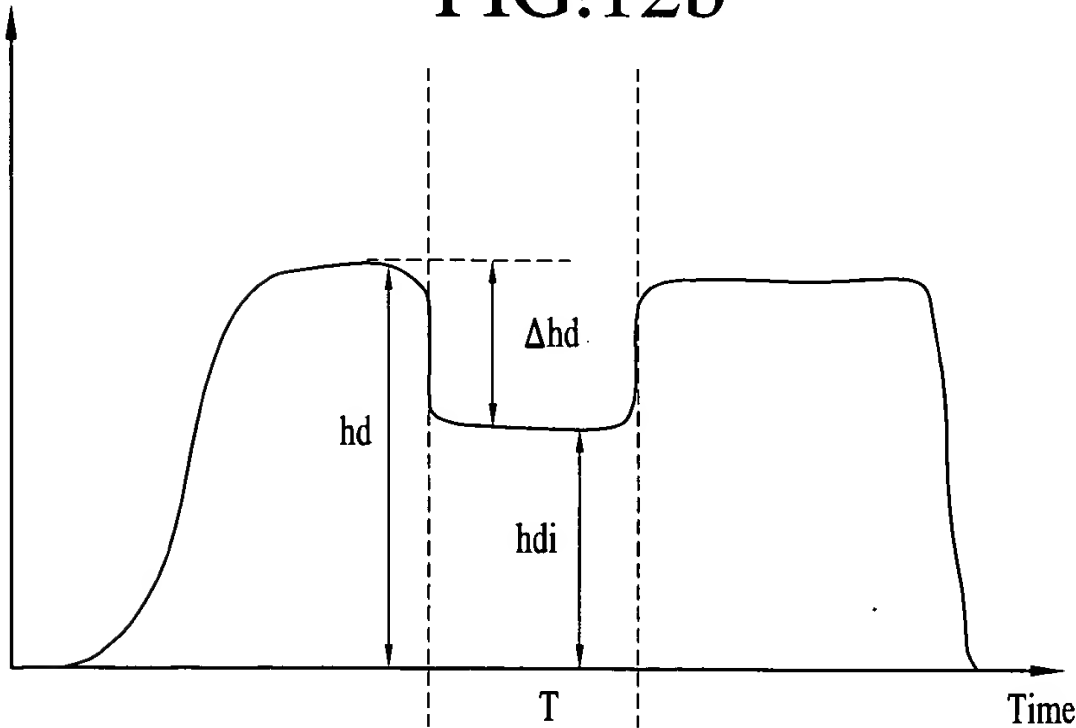
Indicator
Concentration
(Upstream Sensor)

FIG.12a



Indicator
Concentration
(Downstream Sensor)

FIG.12b



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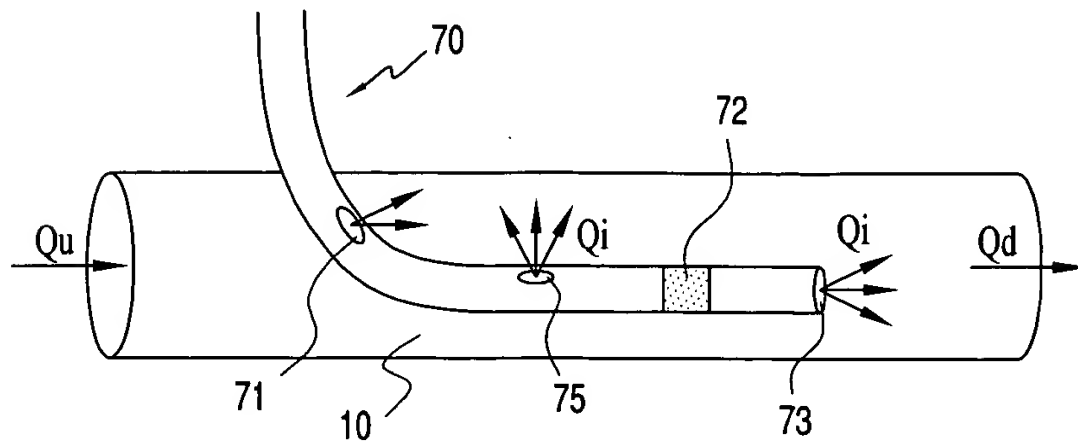


FIG.13

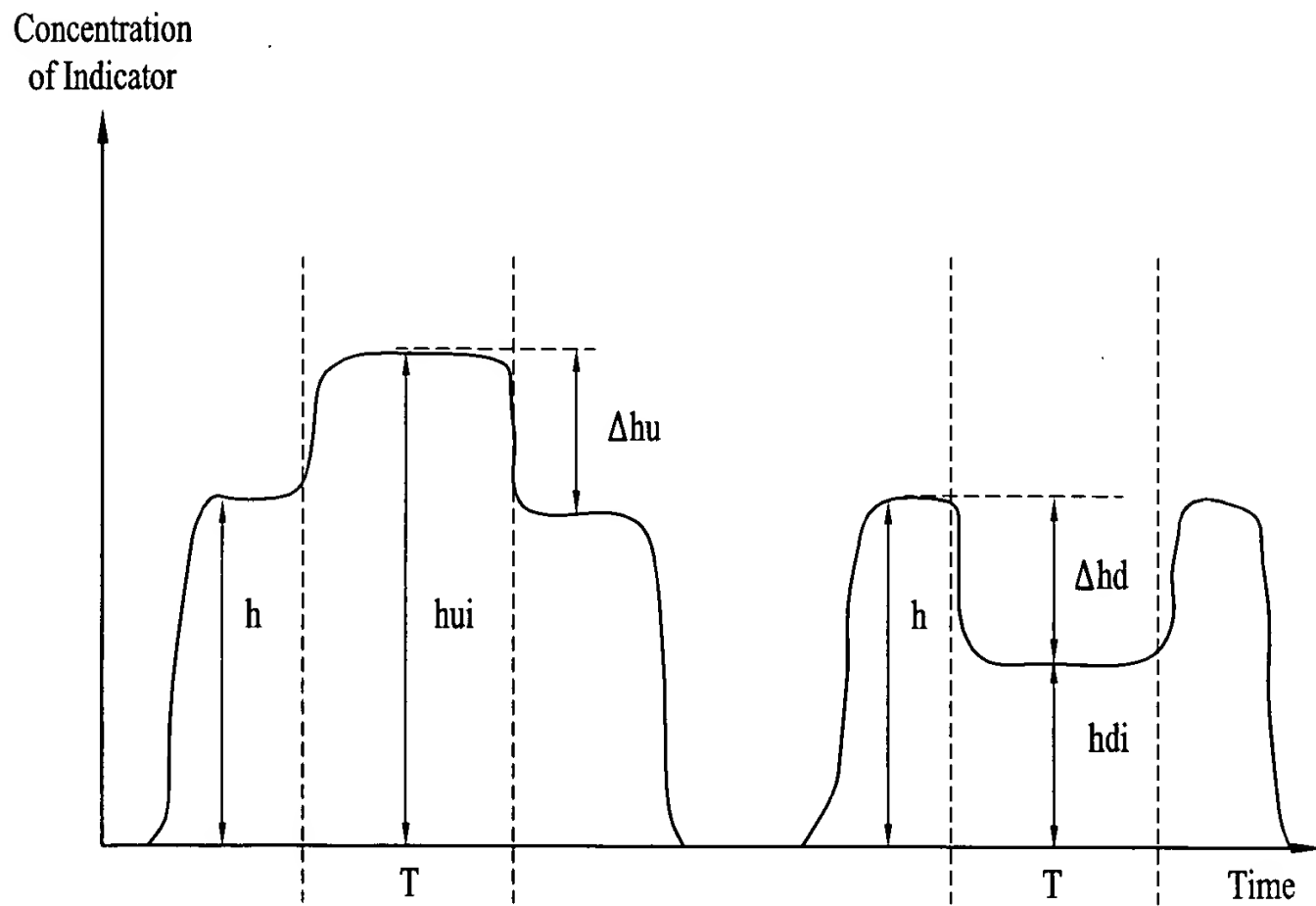


FIG.14

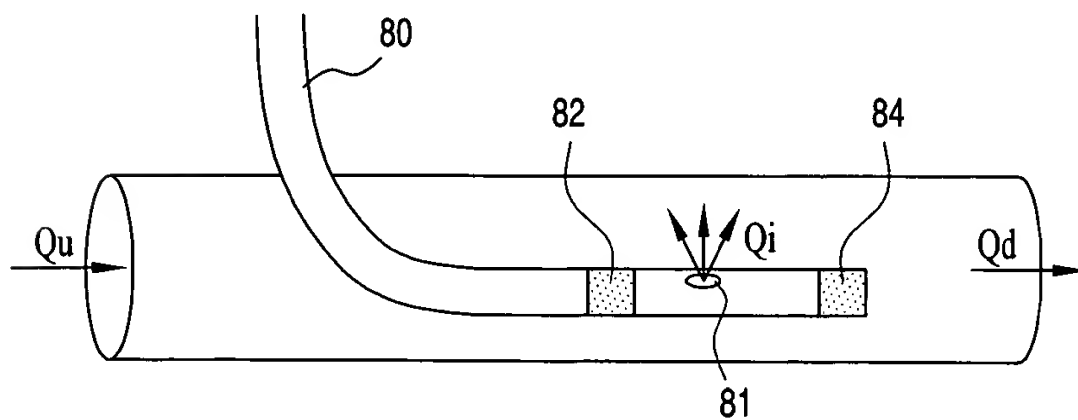


FIG.15

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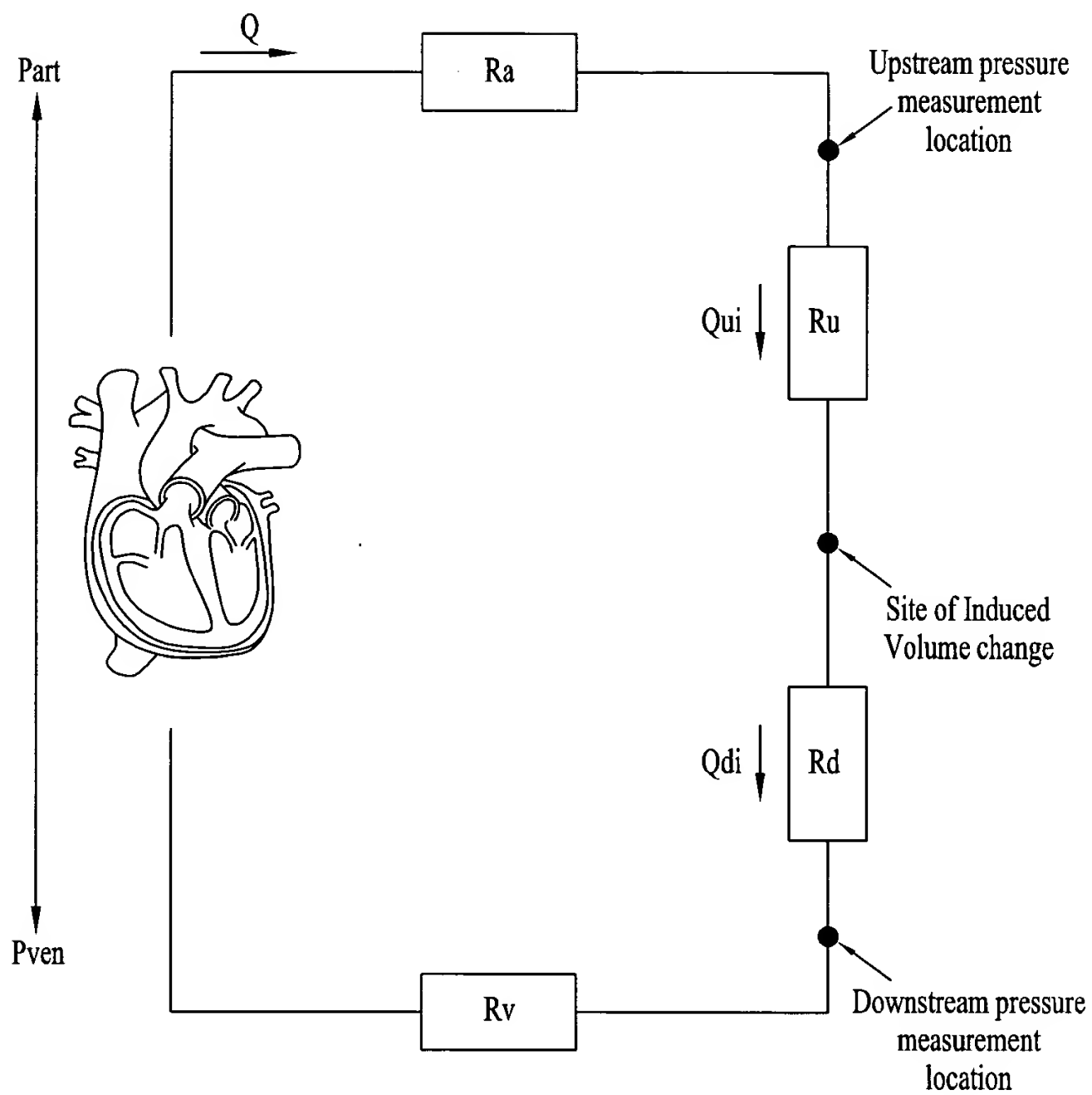


FIG.16

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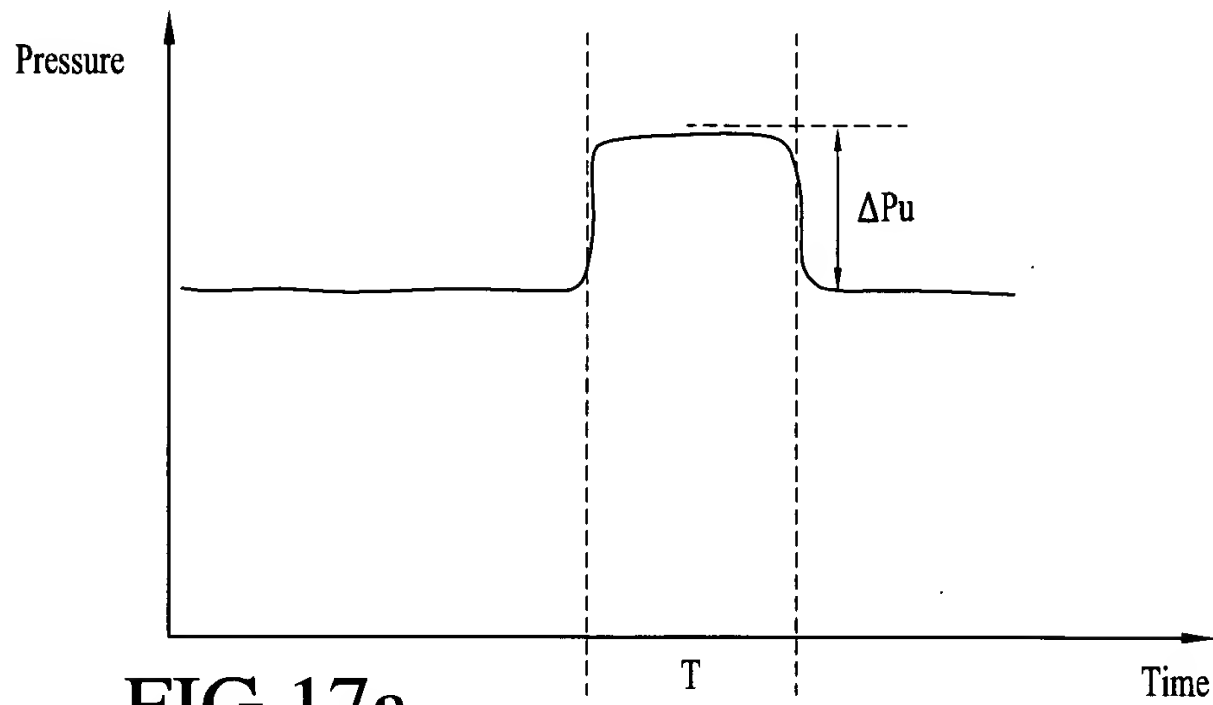


FIG. 17a

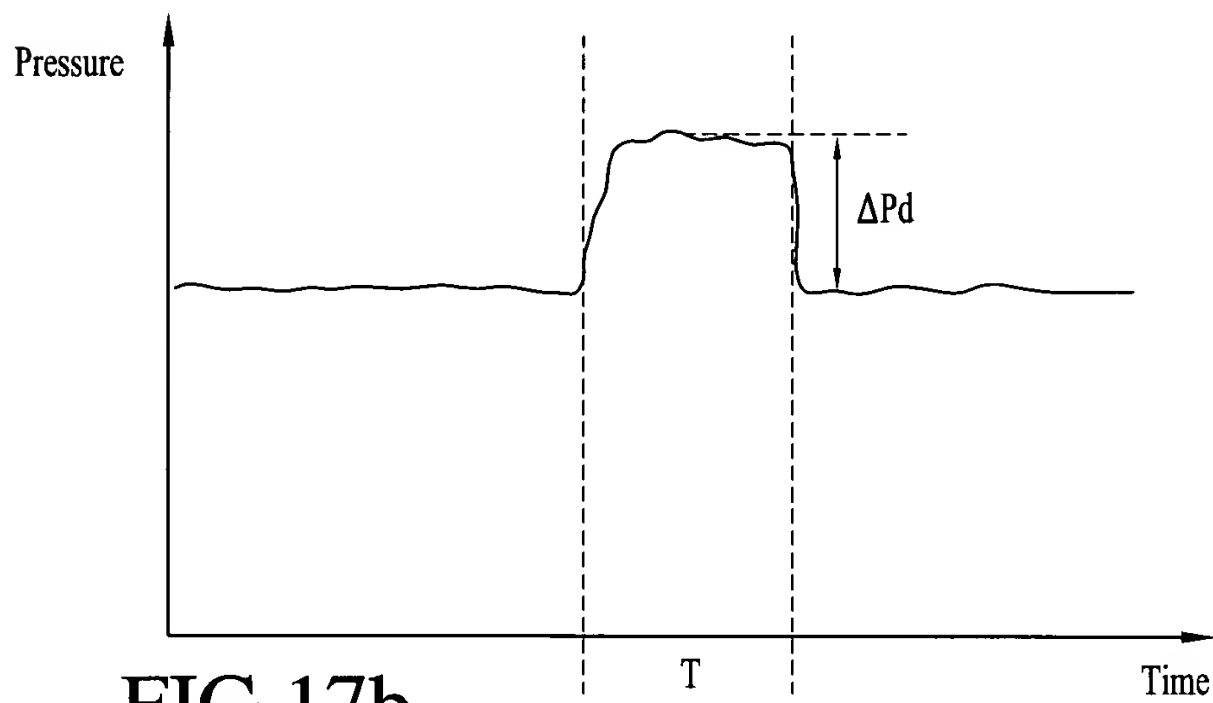


FIG. 17b

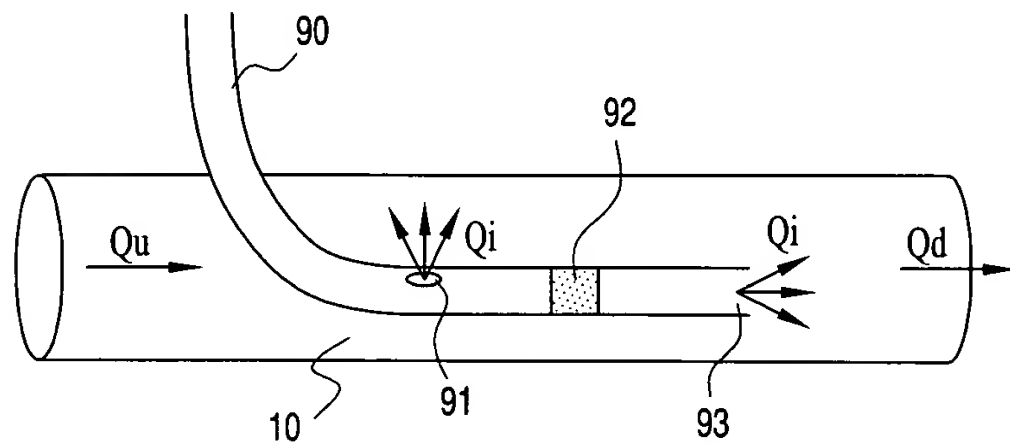


FIG. 18

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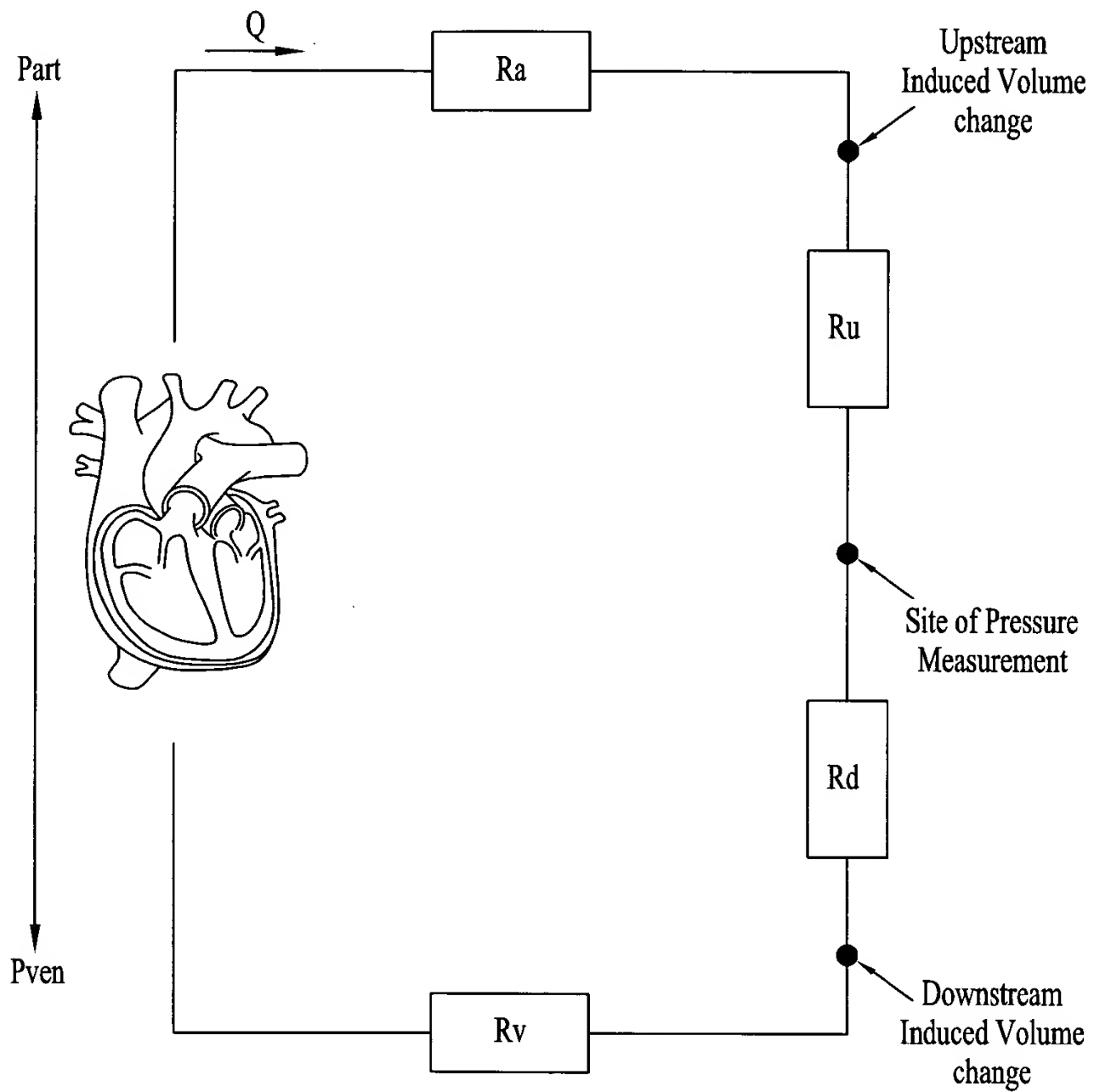


FIG.19

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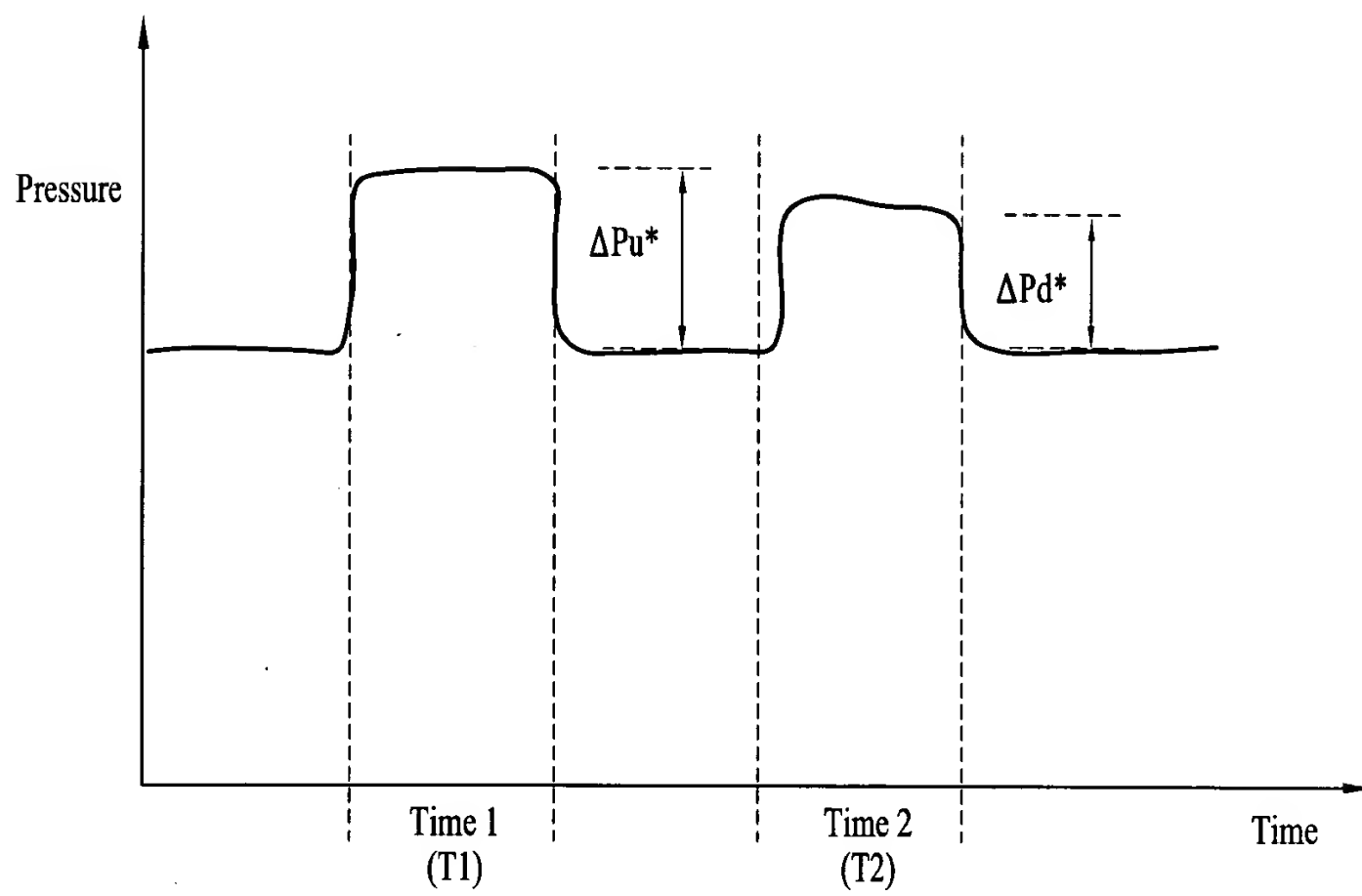


FIG.20